REMARKS

Claims 1-17 remain present in this application.

The specification and claims 1-4, 6, 7, and 12 have been amended. Reconsideration of the application, as amended, is respectfully requested.

The specification stands objected to for an informality. In view of the foregoing amendments, it is respectfully submitted that this informality has been addressed. Reconsideration and withdrawal of any objection to the specification are respectfully requested.

Claims 1-4, 7-9 and 12-15 stand rejected under 35 USC 102(e) as being anticipated by TROWER II et al., U.S. Patent 6,121,981. This rejection is respectfully traversed.

Claims 5, 6, 10, 11, 16 and 17 stand rejected under 35 USC 103 as being unpatentable over TROWER II et al. This rejection is respectfully traversed.

TROWER II et al. discloses a method and system for generating arbitrary shaped animation in the user interface of a computer. The method and system in TROWER II et al., like the related art described in the specification of this invention, have to perform boundary calculations of each bitmap in each frame in real time. Thus, they have a great disadvantage of wasting system resources. Besides, the objective of the present invention is to solve such problems.

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Besides, it is inappropriate for the Examiner to consider the bounding region of TROWER II et al. as an equilvalent to the invalidated rectangle of the present invention. In claim 1 of the present application, the invalidated rectangle represents a rectangular area whose contents have changes between the specific frame and its immediate previous frame. Only the contents having changes will be refreshed.

On the other hand, the bounding region describes the non-transparent portion of the current frame. The animation system of TROWER II et al. creates a non-rectangle window using the bounding region for the current frame to define the window's shape (see col. 2, lines 44-48 of TROWER II et al., for example). Thus, the bounding region contains the area of the whole frame and occupies more bytes than that in the invalidated rectangle of this invention, such as the examples shown in the Figs. 3A and 3B of the present specification. Therefore, the invalidated rectangle of the present application does not possess the same or substantially the same contents as the bounding region of TROWER II et al.

Moreover, the method of claim 1 of the present application also performs in a different way from TROWER II et al. Accordingly, the module of independent claim 7 of the present application, comprising an invalidated rectangle processor for obtaining an invalidated rectangle, is different from the system disclosed in TROWER II et al. The medium according to claim 12 of

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the present application performs a different task from TROWER II et al. Thus, independent claims 1, 7 and 12 are not anticipated by TROWER II et al.

Finally, as previously noted, the method and system of TROWER II et al., and other prior art as described in the present specification, waste a lot of system resources. According to the present application, it is more effective to generate an arbitrary-shaped dynamic user interface in comparison with the prior art, such as TROWER II et al.

In view of the foregoing amendments, it is respectfully submitted that independent claim 6, as well as dependent claims 5, 10-11 and 16-17, for example, are not anticipated by the prior art utilized by the Examiner. Reconsideration and withdrawal of the 35 USC 102(e) and 103 rejections are respectfully requested.

Favorable reconsideration and an early Notice of Allowance are earnestly solicited.
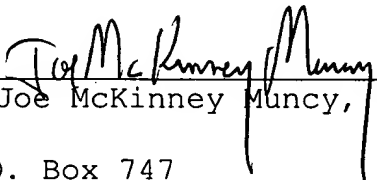
Because the additional prior art cited by the Examiner has been included merely to show the state of the prior art and has not been utilized to reject the claims, no further comments concerning these documents are considered necessary at this time.

In the event that any outstanding matters remain in this application, the Examiner is invited to contact the undersigned at (703) 205-8000 in the Washington, D.C. area.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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